

# Abstract

A communication apparatus includes a multiplexing transmission unit (1) for multiplexing and transmitting communication data, an operation monitoring control terminal (3) for monitoring the multiplexing transmission unit (1), and an IP terminal (2) connected with the multiplexing transmission unit (1) by way of a physical interface between the multiplexing transmission unit (1) and the operation monitoring control terminal (3) which the IP terminal shares with the operation monitoring control terminal, the IP terminal converting a signal inputted to the communication apparatus from outside into IP packets, and furnishing them to the multiplexing transmission unit (1). The multiplexing transmission unit (1) multiplexes the IP packets furnished thereto from the IP terminal (2) and communication data, and then transmits them to a station which is disposed opposite to the communication apparatus.